

HSB Global Standards

2015 Edition ASME Boiler & Pressure Vessel Code Synopsis Sample

Section IV – Heating Boilers and Reference Code Sections II, V & IX

Codes and Standards Group
July 2015

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HSB Global Standards
ASME Boiler and Pressure Vessel Code 2015
Edition Synopsis – Executive Summary

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2015 ASME Code Addenda Synopsis

The 2015 Edition of the ASME Boiler and Pressure Vessel Code was published on July 1, 2015, and includes revisions, additions and errata approved by the ASME B&PV Standards Committees in 2013 and 2014. The mandatory implementation date for the 2015 Edition is six months from the date of publication, or January 1, 2016. However Manufacturers may begin using the 2015 Edition beginning with the date of issuance.

There will be no addenda issued to this edition, and this edition will remain valid until publication of the 2017 edition in July of 2017. Changes that have taken place in the 2015 Edition are indicated by “(15)” in the margin adjacent to the affected paragraph/figure/table.

Code Case Supplements continue to be published four times per year and republished as a new Edition on a cycle concurrent with the rest of the Code.

Interpretations of the Code have historically been posted in January and July at <http://cstools.asme.org/interpretations>. However interpretations approved between January 1, 2013 and December 31, 2014 have been included with the publication of the applicable Section of the Code in the 2015 Edition as Volume 63. Following the 2015 Edition, interpretations will not be included in the edition; they will be issued in real time in ASME's Interpretation Database at: <http://go.asme.org/Interpretations>. This online Interpretation database also contains previously approved BPVC interpretations dating back to 1977.

Errata [publishing errors identified in the Code] are reviewed and approved by the Committee four times a year and posted on ASME's website. Information regarding “Special Notices” and “Errata” is published under the ASME Boiler and Pressure Vessel Code Resources Page at: <http://cstools.asme.org/BPVErrataAndSpecialNotice.cfm>.

ASME offers users the option to receive an e-mail notification when “Special Notices” or “Errata” are posted on their Web site. This will be especially useful now that annual Addenda are no longer published.

Nearly 1200 changes are itemized in this Synopsis. Many of these changes are the result of new technology and/or at the request of Certificate Holders like you.

This Synopsis was prepared by the HSB Global Standards (HSB GS) Codes & Standards staff to provide insight into the intent of these changes, and their potential impact on Code users. Each item that passed the ASME B&PV Standards Committee for the 2015 Edition was entered into the Synopsis database. The “Subject” and “Description” were created by HSB CT personnel involved with the cognizant Code Section Standards Committee, and each entry was checked against the published standard to verify that it made it into publication. This particular report contains a summary of changes for the three Divisions of Section VIII Pressure Vessel Code, as well as the three reference codes, Sections II (Materials), V (Nondestructive Examination) and IX (Welding, Brazing and Fusing Qualifications).

Commentary on revisions represents HSB Global Standard’s opinion of the changes, and is not intended to be an official interpretation of the ASME Code. Every effort was made to accurately describe the changes. However, we caution Code users to always refer to the actual Code rules that apply and to use this document as a supplementary tool to the Code. Please contact HSB GS Codes & Standards Group if further background information is desired on any of the revisions or Code Case.

HSB Global Standards
Synopsis of the 2015 Edition of the ASME BPV Code - Section IV Heating Boilers

HW-711, HW-712, Figure HW-701.3	Revision	Furnace Attachments - In paragraph HW-712.1 and HW-712.2 wherever Figure HW-701.3 was referenced, it never specifically indicated which sketches applied. So these paragraphs were revised to specifically indicate the appropriate sketches depending upon their applicability to the configurations mentioned. Also, these paragraphs only referred to the shell thickness t_s and not the furnace thickness. So changes were also made to address the furnace thickness where it would apply. And Figure HW-701.3 was revised to include reference to nominal furnace thickness t_f . Also, editorially revised HW-711.2 (c) to correct the references Figure HW-701.3 sketches (e-1) and (e-2). Sketch (e) was removed.
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Subpart/Table: Part HC

Paragraph	Type	Subject - Description
Article 2	Revision	<p>Tensile and transverse testing of cast iron - The paragraphs dealing with tensile tests and transverse test for cast iron material were rearranged or renumbered within Article 2 to provide consistency throughout the Article and to make needed corrections to some text. The editorial Paragraph rearranging changes are:</p> <p>Relocated HC-204 to HC-208 Relocated HC-205 to HC-204 Relocated HC-206 to HC-205 Relocated HC-207 to HC-206 Relocated HC-208 to HC-209 Relocated HC-209 to HC-211 Relocated HC-209(b) to HC-213(d) Relocated HC-210 to HC-212 Relocated HC-211 to HC-207 Relocated HC-212 to HC-213 Relocated HC-213 to HC-214 Relocated HC-214 to HC-215</p> <p>Renumbered Figure HC-205.1 as Figure HC-204.1 Renumbered Figure HC-206.1 as Figure HC-205.1 Renumbered Figure HC-210 as Figure HC-212</p> <p>In addition, the following text changes were made: HC-210 - added new requirements to clarify tension test specimen failures and additional testing HC-213 - added new requirements to clarify transverse test specimen failure and additional testing</p>
HC-213	Revision	Welding on Cast iron boilers - Paragraph HC-213(c) was added to make it clear that welding is not permitted on cast iron sections that fall under Part HC.
HC-403, HC-520	Revision	Multi Page Data Report and Certificate of Conformance Forms - Added new subparagraphs HC-403(a) and HC-520(e) to address requirements for completing Data Reports or Certificates of Conformance with multiple pages. See Synopsis entry Mandatory Appendix 4 for the details of the requirements.

Subpart/Table: Part HA

Paragraph	Type	Subject - Description
HA-404, HA-504	Revision	Multi Page Data Report and Certificate of Conformance Forms - Added new subparagraphs HA-404(a) and HA-504(e) to address requirements for completing Data Reports or Certificates of Conformance with multiple pages. See Synopsis entry Mandatory Appendix 4 for the details of the requirements.